

# MS CONSULTANTS, INC. SUMMER INTERNSHIP

Name: Alex Short

STEP Project Category: Internship

STEP Faculty Member: Aimee Ulstad

Major: Civil Engineering

## What I Learned

I acquired knowledge both technically and professionally. This was my first internship in civil engineering, so it was the first time I was exposed to the workflow of a consulting office, particularly in traffic engineering. I got to work closely with ODOT standards, so I became more familiar with those. I also learned certain programs such as MicroStation, Publisher, ODOT CDSS, and others.



**ms consultants, inc.**  
engineers, architects, planners

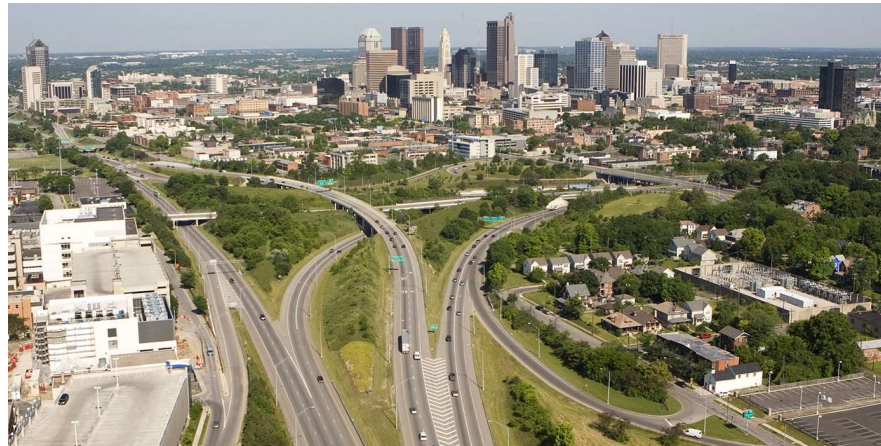
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## My Favorite Part of My Experience

While I was interning, I was able to do some traveling to different job sites to gather data. I was able to travel to West Virginia, Pennsylvania, and Youngstown, OH to collect speed data or other information for jobs.

## Project Description

My signature project was a transportation engineering internship at ms consultants, inc. in Columbus, OH. This internship ran from May through August. ms consultants is a multi-disciplinary engineering, architecture, and planning firm with offices in Ohio, Indiana, Pennsylvania, West Virginia, and North Carolina. My duties included, but were not limited to, traffic plans such as pavement markings and signage, roadway plans such as drainage and lighting, field work to collect data, and project sub-summaries and plan preparation.



## Why I Chose This Project

After changing my major from mechanical to civil engineering the fall of my sophomore year, I wanted to be sure I stayed ahead professionally. I had narrowed my STEP options down to a service-learning trip, or an internship. Although many service-learning trips looked very interesting to me, I couldn't pass up my first opportunity to gain experience in the field. I don't regret my decision.



## What Was Transformational

Since this was my first opportunity to be in a civil engineering office, there were some things that were new to me. This sense of newness allowed me to learn how to be okay with being out of my comfort zone. ms was great at treating me like any other permanent employee, so this gave me the chance to find out who I am as a professional. In addition to this, I was also able to make numerous meaningful connections in the workplace that I will take with me for the rest of my career.



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# STEP

Second-year Transformational  
Experience Program